Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

Complete if Known	
Application Number	09/687,401
Filing Date	October 13, 2000
First Named Inventor	Manger, Ian David
Art Unit	1743
Examiner Name	Soderquist, Arlen
Attorney Docket Number	020174-002300US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No.[1]	Document Number: Number Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AS	A1	US-3,570,515	03-16-1971	Kinner	
	A2	US-3,747,628	07-24-1973	Holster et al.	
	A3	US-4,046,159	09-06-1977	Pegourie	
	A4	US-4,119,368	10-10-1978	Yamakazi	
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	A10	US-5,088,515	02-18-1992	Kamen	
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	A16	US-5,259,737	11-09-1993	Kamisuki et al.	
	A17	US-5,265,327	11-30-1993	Faris et al.	
	A18	US-5,290,240	03-01-1994	Horres, Jr.	
	A19	US-5,336,062	08-09-1994	Richter	
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	A21	US-5,375,979	12-27-1994	Trah	
	A22	US-5,376,252	12-27-1994	Ekstrom	
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	A26	US-5,593,130	01-14-1997	Hansson et al.	
	A27	US-5,642,015	06-24-1997	Whitehead et al.	
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	A30	US-5,681,024	10-28-1997	Lisec et al.	
	A31	US-5,705,018	01-06-1998	Hartley	
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	A35	US-5,842,787	12-01-1998	Kopf-Sill et al.	
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	A40	US-6,007,309	12-28-1999	Hartley	
AS	A41	US-6,043,080	03-28-2000	Lipshutz et al.	

Examiner Signature	Arlen Soderquist	Date Considered	6/9/05

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Sheet 2 of 7

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First Named Inventor	Manger, Ian David
Art Unit	1743
Examiner Name	Soderquist, Arlen
Attorney Docket Number	020174-002300US

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AS	A42	US-6,123,769	09-26-2000	Sanjoh	
	A43	US-6,155,282	12-05-2000	Zachary et al.	
	A44	US-6,174,365 B1	01-16-2001	Sanjoh	
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Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]	Number[4]	Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
AS	B1	EPO	EP 0 592 094	A2	04-13-1994			☐
~~—~~	~~B2~~	~~EPO~~	~~EP 0 703 364~~	~~A1~~	~~03-27-1996~~		no trans/abstract	☐
AS	B3	EPO	EP 0 706 004	A2	04-10-1996			☐
	B4	EPO	EP 0 779 436	A2	06-18-1997			☐
	B5	EPO	EP 0 829 360	A2	03-18-1998			☐
	B6	EPO	EP 0 845 603	A1	06-03-1998			☐
	B7	EPO	EP 0 999 055	A2	05-10-2000			☐
	B8	GB	2 155 152	A	09-18-1985			☐
	B9	GB	2 308 460	A	06-25-1997			☐
	B10	PCT	WO 98/07069	A1	02-19-1998			☐
	B11	PCT	WO 99/17093	A1	04-08-1999			☐
	B12	PCT	WO 00/60345	A1	10-12-2000			☐
AS	B13	PCT	WO 02/30486	A2	04-18-2002			

Examiner Signature	Arlen Soderquist	Date Considered	6/14/05

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Sheet 3 of 7

Complete if Known	
Application Number	09/687,401
Filing Date	October 13, 2000
First Named Inventor	Manger, Ian David
Art Unit	1743
Examiner Name	Soderquist, Arlen
Attorney Docket Number	020174-002300US

NON PATENT LITERATURE DOCUMENTS

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CS	C1	AHN et al., "Fluid Micropumps Based on Rotary Magnetic Actuators," Proceedings of 1995 IEEE Micro Electro Mechanical Systems Workshop (MEMS '95), held in Amsterdam, Netherlands on 1/29-2/2/1995, pgs. 408-412.	
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	C8	DELAMARCHE et al.; "Patterned delivery of immunoglobulins to surfaces using microfluidic networks", Science, 1997, pp. 779-781, Vol. 276	
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	C13	FAHRENBERG et al. "A microvalve system fabricated by thermoplastic molding", J Micromech Microeng, 1995, pp.169-171, Vol. 5	
CS	C14	FU et al.; "A microfabricated fluorescence-activated cell-sorter", Nature Biotechnology, 1999, pp. 1109-1111, Vol. 17	

Examiner Signature	Arlen Soderquist	Date Considered	6/9/05

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Sheet 4 of 7

Complete If Known	
Application Number	09/687,401
Filing Date	October 13, 2000
First Named Inventor	Manger, Ian David
Art Unit	1743
Examiner Name	Soderquist, Arlen
Attorney Docket Number	020174-002300US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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AS	C27	JERMAN, H., "Electrically-Activated, Normally-Closed Diaphragm Valves," Proceedings of Transducers '91, 1991 International Conference on Solid-State Sensors and Actuators, pages 1045-1048 (1991).	

Examiner Signature	Arlen Soderquist	Date Considered	

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Sheet 5 of 7

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Application Number	09/687,401
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Art Unit	1743
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Attorney Docket Number	020174-002300US

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Examiner Signature	Arlen Soderquist	Date Considered	6/9/05

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Sheet 6 of 7

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